

Abstract

The present invention is an automated method and system of labeling of the axes of a graph with time based data. The present invention uses multi-level time labels to label the time axis of a graph. The invention generates a set of time labels by processing the input data; the time axis labels stores the set of data in a multi-level data structure. The multi-level data structure is processed to refine the time labels.

5 The refining step includes adjusting the time labels so that they fit in the space provided along the axis and refining the multi-level time labels to make the labeled axis more readable. The time labels are then used to generate multi-level time labels.

These multi-level time labels are used to label the axis of the graph. The invention
10 automatically provides an effective, elegant, labeled time based graph.